

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2430	(118/720,721,504,505).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/29 16:55
S2	152350	((first with (substrate or layer or wafer)) same (via or aperture or hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:46
S3	134552	((second with (substrate or layer or wafer)) same (via or aperture or hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:46
S4	92	S1 and (S2 same S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:01
S5	60	S4 and (@ad<="20030701" or @rlad<="20030701")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:15
S6	298	((substrate or layer or wafer) same (via or aperture or hole)) and mask\$3 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:05
S7	170	(S6 and (@ad<="20030701" or @rlad<="20030701")) not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:57
S8	212058	((substrate or layer or wafer) and (via or aperture or hole)) and mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:13

## EAST Search History

S9	905490	(c23c016\$ or h01l021\$)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:12
S10	13906	S8 and S9	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:29
S11	25060	((substrate or layer or wafer) and (via or aperture or hole)) and mask\$3	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:13
S12	13906	S11 and S9	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:14
S13	4078	S8 and S9 and first and second	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:32
S14	11347	S9 and (S2 same S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:34
S15	11347	S9 and (S2 same S3)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:40
S16	26425	(S2 same S3)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:40
S17	11347	S9 and S16	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:42
S18	2395	S17 and mask	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:42
S19	74187	((first with substrate) same (via or aperture or hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:46
S20	1	((second with (substrate)) same (via or aperture or hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:47

## EAST Search History

S21	57831	((second with (substrate)) same (via or aperture or hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:48
S22	1125	S19 and S21 and mask and S9	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:52
S23	908	(S19 same S21 same mask) and S9	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 20:56
S24	828	(S23 and (@ad<="20030701" or @rlad<="20030701"))	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 21:40
S25	0	(S23 and (@frpd<="20030701"))	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 21:00
S26	8	("20020062785"   "20030101932"   "20030150384"   "20030221614"   "20040003775"   "20040020435"   "4915057"   "6475287").PN. OR ("6890385").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/09/29 21:08
S27	8	S24 and bridge	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 21:43
S28	0	(2001-255233).ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 22:00
S29	6	("255233").ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 22:04
S30	41	("255233")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/09/29 22:07
S31	6	("255233")	JPO; DERWENT	ADJ	ON	2005/09/29 22:05

## EAST Search History

S32	8	("20020062785"   "20030101932"   "20030150384"   "20030221614"   "20040003775"   "20040020435"   "4915057"   "6475287").PN. OR ("6890385").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/04/13 12:22
S33	4	("2003/0150384").URPN.	USPAT	ADJ	ON	2006/04/13 13:18
S34	4	(Bueker).xp. and fairbairn.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:02
S35	2	(Bueker).xp. and mask and spray and "427".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:03
S36	43	(Bueker).xp. and mask and "427".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:05
S37	1364	(Bueker).xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:05
S38	46	(Bueker).xa. and mask and "427".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:07
S39	0	(R\$-Bueker).xa. and mask and "427".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:07
S40	46	(Bueker).xa. and mask and "427".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:13

## EAST Search History

S41	2457	(118/720,721,504,505).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:18
S42	163826	((first with (substrate or layer or wafer)) same (via or aperture or hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:18
S43	144715	((second with (substrate or layer or wafer)) same (via or aperture or hole))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:18
S44	93	S41 and (S42 same S43)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:18
S45	306	((substrate or layer or wafer) same (via or aperture or hole)) and mask\$3 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 14:18
S46	214	(S44 or S45) and (@ad<="20020703" or @rlad<="20020703")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/13 15:24
S47	1	"4256532".pn.	USPAT	ADJ	ON	2006/04/13 15:25
S48	1	("4256532").PN.	USPAT	OR	OFF	2006/04/17 12:17
S49	54	("3226255"   "3544790"   "3640782"   "3647533"   "3713922"   "3723201"   "3896606"   "3917495"   "3928094"   "3951701"   "4021276"   "4049857").PN. OR ("4256532").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/04/17 12:59